28 184

Chain of Custody Record

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

SEVERN STL

STL Denver 4955 Yarrow Street Arvada, CO 80002

Severn Trent Laboratories, Inc.

STL-4124 (0901)							
Client USGS / EPA Greg OBERLEY Address 1595 WYN KOOP ST City TENVEN CO 80202	Project Manager Gary G1 Telephone Number (Area Coo	rell	1/22/12	Chain of Custody Number 336033			
Address (A)	Telephone Number (Area Cod 303 - 236 - 3		Lab Number 28007883	Page 2 of 2			
Cliv State Zip Code	Site Contact	Lab Contact		Page Or			
1) ENVER CO SOLOZ		Lisa Uriel	A Here space is needed of a				
Project Name and Location (State) PAULLION FRACKING	Carrier/Waybill Number	•	As 8270C Sols Bandard Sols Bandard Sols Bandard Sols Bandard Sols Frankfluw Park Color P	Special Instructions/			
Contract/Purchase Order/Quote No.	Matrix	Matrix Containers & Preservatives DRO 8015 CONTAINERS CONTAI		Conditions of Receipt			
Sample I.D. No. and Description (Containers for each sample may be combined on one line) (collected (Time Advenus Sod	Unpres. HZSO4 HNO3 HCI NaOH NaOH NaOH	DRO 8015B SVOC 8270C ST TDS 2540C (2) TOS 2540C (2) DIC DIC DIS PROSPHOWER GINCOLS + Methans 9056 28D Anio				
MWØZ IL Amber 4/22/12 3 MWØZ IL Amber 4/22/12 3		V					
8 MW 02 1 L Amber 4/22/12 3	:45pm 2						
MWØZ 1 L Amber 4/22/12	:45pm 2	\checkmark					
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	3:45pm 1			,			
2 MW \$2 500 ml Amber 4/22/12.	7-7-7-10-11	V		Filteres (Field)			
	1:45pm 1			Filtered (field)			
	3:4500 3						
7: 1:	3:45pm 2			(- :/)			
	3,45pm 1	V		Anions B. CI. F. Sou			
	'						
Possible Hazard Identification Sample Disposal (A fee may be assessed if samples are retained							
Non-Hazard 🗋 Flammable 🗎 Skin Irritant 🔲 Poison B 🔲 Unknown 🔲 Return To Client 🔀 Disposal By Lab 🔲 Archive For Months longer than 1 month)							
Turn Around Time Required QC Requirements (Specify) QC Requirements (Specify)							
24 Hours 48 Hours 7 Days 14 Days 21 Days	Vale 1. Received By						
2. Relipquished by	Date Time 2. Received By Pale Time						
3. Relinquished By	Date Time						
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Comments			Marian and the state of the sta				

Chain of Custody Record



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STL-4124 (0901)	4.									,						
USGS FPA GREG OB		Project Manager PCE GARY (of RELL Telephone Number (Area Code)/Fax Number				2 Date 4/22/12					Chain of Custody Number 336034					
1595 Wyn Koop	/ Telepho	/ Telephone Number (Area Code)/Fax Number 303 - 236 - 3490			Lab Number					· · ·	,	_ /	. 2			
City State Zip Code	Site Cor	<u>5 - 256</u> ntact	Lab	Contact			0 3 28007883					l 18	5	Page	of	
	202	Lisa Uriell			23	Antifysis (Attach list if more space is needed)					Т .					
Project Name and Location (State) PAVICUON FRACKING		Carrier/Waybili Number				Ammon 714704 / Ammon 716 / 70 / 70 / 70 / 70 / 70 / 70 / 70 / 7				GRO	Special i	Instructions/				
Contract/Purchase Order/Quote No.		Matrix	trix Containers & Preservatives			250,1 Apr 350,1 Apr 353,2 A 9060-7 9060-7 8606-1 82608-1 80153-6 RSK 175					Conditions of Receipt					
Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date Time	Air Aqueous Sed. Soil	Unpres.	H2SO4 HNO3	HOI	ZnAc/ NaOH	109	35.	306	365	826	200	8260B	801	·	
MWØ2 500 ml plastic 4/2	2/12 3:45pm											*				
MW 82 500 ml plastic 4/2	2/12 3:45pm	i		V			\checkmark								Filterec	(FIELD)
MW/2 500 ml Amber 4/2	12/12 3:45pm	1		V				$\sqrt{}$								
	12/12 3:45pm			\checkmark				√	.,							
	2/12 3:45pm			$\sqrt{}$					\checkmark							<i></i>
MWP2 500ml Amber 4/2	2/12 3:45pm								1						Filtered	(Field)
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MW 02 40ml VOA 4/2	2/12 3:45pm	3			\vee										mothener	hanch there
MW\$2 40ml VOA 4/2	12/12 3:45pm	3		,	\checkmark							V			methane/	ethane/ethene
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MW02 You VOA 4/2	22/12 3:45pm	, 3								and the second				V		
Possible Hazard Identification Sample Disposal (A fee may be assessed if samples are retained																
□ Non-Hazard □ Flammable □ Skin Irritant □ Poison B □ Unknown □ Return To Client ☑ Disposal By Lab □ Archive For <u>ℓ</u> Months longer than 1 month; Turn Around Time Required □ OC Requirements (Specify)																
24 Hours 48 Hours 7 Days 14 Days 21 Days 10 Other 14 Sit																
1. Relinquished By	Date / 4/2	3//2 Time	00a_	1. Recei	ived By				- フ						V/24/6	Time 900
2. Relinquished By	Date	Time		2. Recei	ived By			~					,		Date	Time
3. Relinquished By	. · Date	Time		3. Rece	ived By				•						Date	Time
Comments	1															L

Login Sample Receipt Checklist

Client: U.S. Geological Survey

Job Number: 280-28076-1

List Source: TestAmerica Denver

Login Number: 28076

List Number: 1

Creator: Cofoid, Stephen T

Question	Answer	Comment		
Radioactivity either was not measured or, if measured, is at or below background	True		 	
The cooler's custody seal, if present, is intact.	True			
The cooler or samples do not appear to have been compromised or tampered with.	True			
Samples were received on ice.	True			
Cooler Temperature is acceptable.	True			
Cooler Temperature is recorded.	True			
COC is present.	True			
COC is filled out in ink and legible.	True			
COC is filled out with all pertinent information.	True			
Is the Field Sampler's name present on COC?	True			
There are no discrepancies between the sample IDs on the containers and the COC.	True			
Samples are received within Holding Time.	True			
Sample containers have legible labels.	True			
Containers are not broken or leaking.	True			
Sample collection date/times are provided.	True			
Appropriate sample containers are used.	True			
Sample bottles are completely filled.	True			
Sample Preservation Verified.	True			
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True			
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True			
Multiphasic samples are not present.	True			
Samples do not require splitting or compositing.	True		•	

N/A

Residual Chlorine Checked.

Login Sample Receipt Checklist

Client: U.S. Geological Survey

Job Number: 280-28076-1

Login Number: 28076 List Number: 1

Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh List Creation: 04/27/12 11:20 AM

Question	Answer Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A
The cooler's custody seal, if present, is intact.	True
The cooler or samples do not appear to have been compromised or tampered with.	True
Samples were received on ice.	True
Cooler Temperature is acceptable.	True
Cooler Temperature is recorded.	True
COC is present.	True
COC is filled out in ink and legible.	True
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Sample Preservation Verified.	True
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True
Multiphasic samples are not present.	N/A
Samples do not require splitting or compositing.	N/A
Residual Chlorine Checked.	N/A